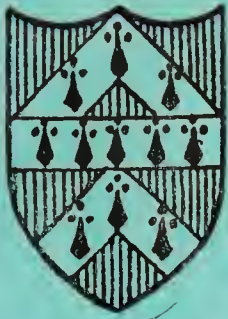


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URBAN DISTRICT
COUNCIL OF
KIRKBY-IN-ASHFIELD.



ANNUAL REPORT

ON THE WORK OF THE
PUBLIC HEALTH DEPARTMENT
For the year 1947.

W. BAMBER, M.B., Ch.B., D.P.H.
(Medical Officer of Health.)

I. M. MASSEY, M.S.I.A.
(Senior Sanitary Inspector and
Superintendent of Public Cleansing.)

URBAN DISTRICT COUNCIL
OF KIRKBY-IN-ASHFIELD.

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Kirkby-in-Ashfield Urban District Council.

Chairman :

MR. J. W. ALDRIDGE, J.P.

Vice-Chairman :

MR. E. HUDSON.

Councillors :

<i>East Ward.</i>	<i>West Ward.</i>	<i>South Ward.</i>
F. S. Arnold	R. Andrews	J. W. Aldridge
E. Hudson	O. S. Beardsley	E. W. Ashley
J. A. Marshall	G. A. Bust	J. W. E. Bend
A. Mead	C. R. Franks	A. Eggleshaw
A. C. Overfield	Mrs. A. Jeffries J.P.	A. Green
J. T. Portas		
C. E. Sargent		

Clerk :

F. BOWMAR.

Medical Officer of Health :

W. BAMBER, M.B., CH.B., D.P.H.

Senior Sanitary Inspector & Superintendent of Public Cleansing :

I. M. MASSEY, M.S.I.A.

Assistant Sanitary Inspector :

W. G. TODD (from January, 1947).

Surveyor :

L. DODSLEY (Retired February, 1947).

W. BOSTOCK (From March, 1947).

Water Manager :

C. REEVE.

Chief Financial Officer and Rating and Valuation Officer :

E. WARD.

Gas Manager :

A. MAWSON.

Health Visitors :

MISS F. E. TIDESWELL, S.R.N., S.C.M., & H.V.

MISS F. BRADLEY, S.R.N., S.C.M., & H.V.

REPORT.

**To the Chairman and Members of the
Kirkby-in-Ashfield Urban District Council.**

MR. CHAIRMAN AND GENTLEMEN,

I have the honour to present the Annual Health Report for the year 1947. Having taken up the position of Medical Officer of Health in April, 1948, the Report is based on the records of my predecessor, Dr. W. Bamber.

Dr. Bamber reported that housing conditions have worsened rather than otherwise during the past year, due partly to deterioration and dilapidation of existing houses, and that overcrowding is on the increase. Such conditions are bound to have a worsening effect on the health of the population generally and to lead to an increase in the spread of infectious or contagious disease.

Improvements during the year have been an increase in the birth rate accompanied by a decrease in the death rate and a further decrease in the Infantile Mortality.

A new Home Help Service has come into operation during 1947, and has provided much needed and valuable help in many cases of sickness and maternity.

The large increase in the total number of cases of Infectious Diseases notified is entirely due to a large increase in the number of cases of Measles (489 cases in 1947, against 36 cases in 1946), and this may be partly attributable to the increase in overcrowding referred to above.

The improvement in attendance at the Immunisation Clinic has been maintained and no case of diphtheria occurred and only 15 cases of Whooping Cough.

I wish to take this opportunity to express my thanks to the Members of the Council, the staff of the Health Department and to the Officials in the other Departments for the welcome and very generous help they have given me since taking up the appointment as Medical Officer of Health.

Your obedient Servant,

A. B. CLARK,

Medical Officer of Health.

Section A.

Statistics and Social Conditions of the Area.

Area (Acres)	...	...	...	...	5831
Population (Census 1931)	...	...	...	...	17,798
Estimated population (mid-year 1947)	...	...	...	...	19,290
Number of inhabited houses 1947	...	...	...	...	5,460
Rateable Value (Nett)	...	...	...	...	£79,506
Estimated product of penny rate	...	...	...	...	£279

Occupied Houses—

	East Ward.	West Ward.	South Ward.	Total.
Estimated	2372	1912	1176	5460
Population—	8382	6752	4156	19,290

The following table compares various Rates in your area with those of England and Wales and selected groups of towns.

Birth Rates, Death Rates and Analysis of Mortality in the year 1947. } England and Wales, 126 County Boroughs and Great Towns, and 148 Smaller Towns.

(Provisional Figures based on Weekly and Quarterly Returns)

	Rate per 1000 population		Annual Death Rate per 1000 pop	Rate per 1000 Live Births.	
	Live Births	Still Births		Diarrhoea & Enteritis under 2 yrs.	Total Deaths under 1 yr.
England and Wales	20.5	0.50	12.0	5.8	41
126 County Boroughs and Great Towns, including London	23.3	0.62	13.0	8.0	47
148 Smaller Towns (estimated populations 25,000 to 50,000 at Census 1931)	22.2	0.54	11.9	3.7	36
London	22.7	0.49	12.8	4.8	37
Kirkby-in-Ashfield	22.39	0.57	11.46	2.31	44

Births.

Live Births.		Male.		Female.		Total.
Legitimate	....	203	....	213	....	416
Illegitimate	....	9	....	7	....	16

Still-Births.

Legitimate	....	5	....	4	....	9
Illegitimate	....	1	....	1	....	2

Birth-rate per 1,000 of the population 22.39

		Male.		Female.		Total.
Deaths	....	126	....	95	....	221

Death-rate per 1,000 of the population 11.46

No. of women dying in, or in consequence of child-birth :—

From Puerperal Sepsis —

From Other Causes —

Total deaths of Infants under 1 year 19

Total death-rate per 1,000 live births 44.0

Deaths from Cancer (all ages) 27

Deaths from Measles (all ages) —

Deaths from Whooping Cough (all ages) —

Deaths from Diarrhoea (under 2 years of age) 1

Births and Birth-Rate.

The total number of births registered during the year was 443, 218 males and 225 females. Of these, there were 16 illegitimates, 9 males and 7 females. There were 432 live births, and 11 still-births. This gives a birth Rate of 22.39 per 1,000 of the population, as compared with 21.93 per 1,000 of the previous year.

Birth Rate for the district for the last 10 years :—

1947	....	22.39	per 1,000 of the population.
1946	....	21.93	„ „
1945	....	21.8	„ „
1944	....	23.1	„ „
1943	....	22.1	„ „
1942	....	20.6	„ „
1941	....	18.6	„ „
1940	....	16.9	„ „
1939	....	15.7	„ „
1938	....	16.5	„ „

Deaths and Death Rate.

There were 221 deaths recorded in 1947.

Males	126	Females	95
-------	------	-----	---------	------	----

This gives us an annual death-rate of 11.46 per 1,000 of the population.

The classification of deaths is as follows :—

	Male.	Female.	Total.
Cerebro-Spinal Fever	—	—	—
Whooping Cough	—	—	—
Scarlet Fever	—	—	—
Diphtheria	—	—	—
Tuberculosis of the respiratory system	5	3	8
Other forms of Tuberculosis	—	1	1
Syphilitic Diseases	—	—	—
Influenza	2	2	4
Measles	—	—	—
Cancer of oesophagus and uterus	—	1	1
„ stomach and duodenum	3	1	4
„ breast....	—	5	5
„ all other sites	12	5	17
Diabetes	—	1	1
Intracranial vascular lesions	12	8	20
Other diseases of the circulatory system	1	2	3
Heart diseases	35	22	57
Bronchitis....	9	5	14
Pneumonia	8	8	16
Other respiratory diseases	—	2	2
Ulcer of stomach and duodenum	3	—	3
Diarrhoea under 2 years	1	—	1
Appendicitis	1	—	1
Other digestive diseases	5	2	7
Nephritis	4	8	12
Puerperal Sepsis	—	—	—
Other maternal causes	—	—	—
Premature birth	5	2	7
Congenital malformations, etc.	2	2	4
Suicide	3	—	3
Road traffic accidents	—	—	—
Other violent causes	2	—	2
All other causes	13	15	28
	<hr/> 126	<hr/> 95	<hr/> 221
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>

TABLE I.

Showing Deaths in Wards at all ages :—

			East Ward	West Ward	South Ward	Totals
1st Quarter	....		35	21	19	75
2nd Quarter	....		22	19	10	51
3rd Quarter	....		25	16	11	52
4th Quarter	....		24	12	7	43
Totals	1947	....	106	68	47	221
„	1946	....	93	84	41	218
„	1945	....	105	63	36	204
„	1944	....	101	62	38	201
„	1943	....	91	77	37	205
„	1942	....	84	71	41	196
„	1941	....	89	92	36	217
„	1940	....	103	71	49	223
„	1939	....	106	75	40	221
„	1938	....	89	49	38	186

Death Rate for the whole district for the last ten years :

1947	....	11.46	per 1,000 of the population.
1946	....	11.52	„ „
1945	....	11.2	„ „
1944	....	11.2	„ „
1943	....	11.4	„ „
1942	....	10.7	„ „
1941	....	11.4	„ „
1940	....	11.9	„ „
1939	....	11.1	„ „
1938	....	9.5	„ „

Infantile Mortality.

There were 19 deaths of Infants registered during the year. Of these 13 were boys and 6 girls.

This gives an infantile mortality of 44.0 per 1,000 live births, as compared with 50.6 of the previous year.

The classification of deaths is as follows :—

Asthenia	....	....	....	....	2
Atelectasias	....	....	....	....	2
Bronchitis	....	....	....	....	1
Broncho-Pneumonia	....	....	....	....	5
Convulsion	....	....	....	....	1
Enlarged Thymus Gland	....	....	....	....	1
Patent Foramen Ovale	....	....	....	....	1
Pneumococcal Meningitis	....	....	....	....	1
Prematurity	....	....	....	....	5
					<hr/>
					19
					<hr/>

Infantile Mortality for the whole district for the last ten years per 1,000 births :—

1947	....	44.0	1942	....	58.3
1946	....	50.6	1941	....	74.1
1945	....	47.8	1940	....	70.0
1944	....	40.7	1939	....	73.8
1943	....	59.8	1938	....	76.4

Section B.

General Provision of Health Services in the Area.
Maternity and Child Welfare. Health Visitors' Report.

Live Births Registered :—

	Males.	Females.	Total.
Legitimate	203	213	416
Illegitimate	9	7	16
Still Births :—			
Legitimate	5	4	9
Illegitimate	1	1	2

Births Notified :—423.

	Males.	Females.	
Legitimate	200	203	
Illegitimate	3	5	
Still-births	6	6	
Infantile Deaths 19.	Rate per 1,000 births 44.0		
	Males 13	Females 6	Total 19.

Total number of visits :	To Expectant Mothers	136
	To newly born	395
	To infants under 1 year....	1454
	To children over 1 & under 5 years	3493

The above consists of work done in the two districts into which the work is divided.

Miss Tideswell.		Miss Bradley.	
First Visits	209	First Visits	186
Re-visits (under 1 year)....	520	Re-visits (under 1 year)	539
Re-visits 1 to 5 years	1654	Re-visits 1 to 5 years	1839
Ante-Natal, first visits	27	Ante-Natal, first visits....	39
Homes visited	2058	Homes visited	2103

Child Welfare Clinic.

These are held in the Clinic Building, Urban Road. There were 96 sessions held during the year. The total attendances at all sessions were 5,882. Of these 3,374 were children under 1 year, and 1,755 were between 1 and 5 years of age. Of the children attending the Clinic for the first time during 1947, 342 were under 1 year of age, and 38 were between 1 and 5 years of age. The attendances made by children from the South Ward were 754.

Doctors' consultations at all Child Welfare sessions totalled 480.

70 Children made 542 attendances at the Orthopaedic Clinic, Mansfield.

The number of midwives practising in the area is 6.

Distribution of Food, Etc., 1947.

Goods sold during the year :—

	£	s.	d.
11013 lbs. Cow & Gate....	1151	12	2
6345 lbs. Ostermilk	581	12	6
451 lbs. Ambrosia	44	3	4
5516 tins Ovaltine	436	13	8
591 cartons Virol	34	1	6
592 tins Colact	54	5	4
614 jars Maltoline	34	18	8
3351 tins Trufood	474	14	6
442 tins Lactogol	27	12	6
2312 Adexolin Capsules	57	16	0
438 bottles Cod Liver Oil	23	18	6
11686 packets I.C.D. Tablets	8	13	9
97 Maternity Outfits	31	13	4
951 Liquid Adexolin	32	13	8
16828 Halibut Oil Capsules	30	1	0
500 Calcium Tablets		7	6
74 Halibut Oil	4	18	8
447½ Neo-Ferrum	7	9	2
Miscellaneous Items (Combs and Teats)	7	14	9
	£3045	0	6
Goods sold in South Ward	467	7	8
Total	£3512	8	2

Goods given away in cases of distress :—

	£	s.	d.
250 lbs. Cow & Gate....	27	1	8
182 lbs. Ostermilk	16	13	8
40 jars Maltoline	2	13	4
2 lbs. Ambrosia		4	0
41 tins Trufood	5	16	2
33 tins Colact	3	0	6
60 boxes Adexolin Capsules	1	10	0
112 Halibut Oil Capsules		4	0
7 bottles Cod Liver Oil		7	7
2 Maternity Outfits		12	11
3 ozs. Neo-Ferrum....		1	0
	£58	4	10

Goods given away in 1947 cost £58 4s. 10d. against £33 19s. 8d. in 1946.

Ante-Natal Clinic.

Fifty-one sessions were held during the year 1947, and 365 individual mothers visited the Clinic, making a total of 1155 attendances. This works out at 73.2% of the expectant mothers in the district who have availed themselves of the facilities given by the Clinic.

Of the 365 cases, we had to send 28 to a specialist for further advice, in other words, about 5.4% of the cases.

11 complicated maternity cases were admitted to the Women's Hospital, Nottingham. 101 Mothers were sent to the Mansfield, Worksop and Basford Institutions owing to "unsuitable home conditions," and 15 cases were sent for X-Ray.

Maternity and Child Welfare Dental Services.

By arrangement with the County Council, one of the School Dental Officers employed by the County Council undertakes dental treatment for the Urban District Council.

He holds one session a week at the Clinic, and the work consists of extractions, fillings, X-Rays, and dentures, available to expectant and nursing mothers and young children.

Details of the work done during 1947 is as follows :—

A. EXPECTANT AND NURSING MOTHERS—

Number of patients treated	....	....	....	49
Number of Teeth filled	....	....	....	37
Number of Teeth extracted	....	....	....	245
Number of patients supplied with dentures	....			26
Completed cases	....	....	....	37

B. CHILDREN UNDER FIVE YEARS—

Number treated	....	....	....	29
Number of Teeth filled	....	....	....	7
Number of Teeth extracted	....	....	....	37

Sanitary Circumstances of the Area.

Section C.

1.—WATER.

The District is supplied from the Council's deep wells situated near Norman's Hollow. This supply is augmented by purchasing a limited amount from the Sutton-in-Ashfield Urban District Council. During the year 243,000,000 gallons were supplied from our own pumping station and 15,000,000 gallons were purchased from Sutton-in-Ashfield Urban District Council. Other sources of water supply to houses in the District are as follows :—

1. The National Coal Board supply about 381 of their own houses in the immediate neighbourhood of the Kirkby Colliery.
2. The Meden Valley Water Board supply 24 cottages in the Pinxton side of the District.
3. Nottingham Corporation Water Department supply 42 houses in the Selston end of the District.

Apart from seven isolated cottages, every house in the District has a piped supply.

Repeated bacteriological and chemical analyses were carried out of the Council's water supply and the results showed that the water was satisfactory both in its chemical and bacterial quality. A typical result is as follows :—

CHLORINATED WATER.

This sample contains per 100,000 parts :—

Total Solids dried at 180-C.	....	....	....	24.00
Suspended Matter	....	....	....	absent
Chlorides as chlorine	....	....	....	1.78
Oxidised Nitrogen as nitrate	....	....	....	0.52
Oxidised Nitrogen as nitrite	....	....	....	absent
Free Ammonia	....	....	....	0.0048
Albuminoid Ammonia	....	....	....	0.0008
Temporary Hardness	....	....	....	6.00
Permanent Hardness	....	....	....	9.00
Oxygen absorbed in 4 hrs. at 80-F. from N/80				
KMnO ₄	....	....	....	0.004
pH value	....	....	....	7.50
Appearance	....	....	....	clear and bright
Odour	....	....	....	none
Taste and colour	....	....	....	normal
Heavy Metals	....	....	....	absent
Free Chlorine	....	....	....	0.075

RAW WATER.

No. of colonies developing per ml. on agar at 21-C.	
in 72 hrs.	119
No. of colonies developing per ml. on agar at 37-C.	
in 24 hrs.	4
No. of colonies developing per ml. on agar at 37-C.	
in 48 hrs.	5
Coli-aerogenes count per 100 mls. at 37-C. in	
48 hrs.	0
Faecal coli count per 100 mls. at 44-C. in 48 hrs.	0
Bacillus Coli (Presumptive)	Absent in 100 mls.

Further complaints were received during the year from residents of the Sutton Road area regarding shortage of water. I understand that this is due to lack of pressure in the area.

2.—SEWERAGE.

There were no important additions made to the Council's sewage disposal scheme. Many complaints were received concerning drains overflowing during times of heavy rain. This is due to the main sewers being inadequate to deal with the increased volume of water.

*Section D.***Housing.****Erection of New Houses.**

Number of new houses erected during the year :—

Permanent houses	33
-----------------------	----

1.—Inspection of Dwelling-houses during the year.

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	273
--	-----

(b) Number of inspections made for the purpose	504
--	-----

(2) (a) Number of dwelling-houses (included under sub-head (1) above, which were inspected and recorded under the Housing Consolidated Regulations, 1946	14
---	----

(b) Number of inspections made for the purpose	53
--	----

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
---	-----

(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	273
--	-----

2.—Remedy of Defects during the year without service of formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	155
--	-----

3.—Action under Statutory Powers during the year.

A.—Proceedings under Sections 9, 10 & 16 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	8
--	---

(2) Number of dwelling-houses which were rendered fit after service of formal notice :—	
---	--

(a) By Owners	6
--------------------	---

(a) By Local Authority in default of owners	Nil
---	-----

B.—Proceedings under Public Health Acts.

(a) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied....	68
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :-	
(a) By owners	59
(b) By Local Authority	Nil

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936.

(1) Number of dwelling-houses in respect of which Demolition Orders were made	Nil
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders....	Nil

D.—Proceedings under Section 12 of the Housing Act, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

Housing Act, 1936.—Overcrowding.

Owing to the lapse of time since the last overcrowding survey and to the unsettled state of the housing programme, it is impossible to give a definite estimation of the amount of overcrowding in the District. The cases known to the Department are as follows :—

(a) (i) Number of dwellings overcrowded at the end of the year	15
(ii) Number of families dwelling therein	23
(iii) Number of persons dwelling therein	79
(b) Number of new cases of overcrowding reported during the year	5
(c) Number of cases of overcrowding relieved during the year	1
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	Nil

INSPECTION AND SUPERVISION OF FOOD.

- (a) MILK SUPPLY. (See Sanitary Inspector's Report).
 (b) MEAT AND OTHER FOODS. "
 (c) ADULTERATION, ETC.

Extract from Report of the County Sanitary Inspector.

Article.	Examined by the Inspector.			Analysed by the Public Analyst. Result of Analysis.	Result of Proceedings, if any, taken in respect of adulterated samples.
	Number	Correct	Incorrect		
Barley Flakes					
Butter				Genuine	
Lemonade Crystals				Genuine	
Lobster Paste				Genuine	
Mineral Water				Genuine	
				Deficient in sugar, citric acid, saccharin and fruit juice.	Reported to the Ministry of Food.
Milk	22	22	—		
Pudding Mixture				Genuine	
Tea				Genuine	
Gin	2	2	—		
Whisky	1	1	—		

Section F.

Prevalence of and Control of Fever, Infectious and Other Diseases.

During the year we had 604 cases of Infectious Diseases compared with 151 of the previous year.

There were no cases of Diphtheria during the year.

TABLE I.
Infectious Diseases Notified, 1947.

		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	11 to 15	16 to 20	21 to 35	36 to 45	46 to 65	66 and over	Totals
Scarlet Fever	....	...	...	3	3	3	14	4	3	1	...	...	...	31
Pneumonia	....	...	1	...	...	...	1	1	1	6	7	5	4	26
Cerebro-Spinal Fever	....	...	...	...	...	...	...	1	...	...	...	...	...	1
Acute Poliomyelitis	....	...	...	...	.	...	...	1	...	...	...	...	...	1
Typhoid	....	...	...	...	...	...	...	...	...	...	1	...	...	1
Erysipelas	....	.	.	...	...	...	...	...	...	3	...	8	2	13
Puerperal Pyrexia	....	...	...	...	...	...	...	...	1	1	...	...	...	2
Ophthalmia Neonatorum	....	4	...	...	...	...	...	...	...	...	...	...	...	4
Measles	....	34	47	57	84	78	183	5	1	...	...	...	...	489
Whooping Cough	....	2	...	2	5	1	5	...	...	...	.	...	...	15
Tuberculosis :—														
(a) Pulmonary	M	...	...	...	...	...	...	1	2	6	2	...	...	11
	F	...	...	.	.	...	...	...	...	6	...	1	...	7
(b) Non-Pulmonary	M	...	...	...	1	...	...	1	...	...	...	...	...	2
	F	...	...	1	...	...	...	...	...	.	...	...	...	1
Totals	....	40	48	63	93	82	203	14	8	23	10	14	6	604

TABLE II.

Infectious Diseases Occurring in Wards.

	East Ward	West Ward	South Ward	Totals
Scarlet Fever	7	8	16	31
Pneumonia	13	10	3	26
Cerebro-Spinal Fever	—	—	1	1
Acute Polio-Myelitis	—	1	—	1
Typhoid	1	—	—	1
Erysipelas	7	3	3	13
Puerperal Pyrexia	1	—	1	2
Ophthalmia Neonatorum	3	—	1	4
Measles	252	123	114	489
Whooping Cough	3	4	8	15
Tuberculosis	10	7	4	21
Totals	297	156	151	604

TABLE III.

Showing Notifiable Diseases occurring in months :—

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Scarlet Fever	1	1	...	4	1	...	2	...	4	3	10	5	31
Pneumonia	9	3	3	1	...	...	1	2	3	2	1	1	26
Cerebro-Spinal Fever	...	...	...	...	...	...	...	1	...	...	...	...	1
Acute Polio-Myelitis	...	...	...	...	...	...	...	...	1	...	...	...	1
Typhoid	...	...	...	1	...	...	...	...	...	...	...	...	1
Erysipelas	...	3	2	...	1	1	...	1	1	...	1	3	13
Puerperal Pyrexia	...	...	...	...	...	...	...	1	...	1	...	...	2
Ophthalmia Neonatorum	1	...	1	1	...	...	1	...	...	...	...	...	4
Measles	105	162	61	46	54	35	10	8	2	1	...	5	489
Whooping Cough	3	2	...	...	...	...	...	1	2	...	...	7	15
Tuberculosis	1	1	1	2	7	3	...	2	1	1	...	2	21
	120	172	68	55	63	39	14	16	14	8	12	23	604

TABLE IV.

Disease			Total Cases Notified	Cases Admitted to Hospital	Total Deaths
Scarlet Fever	...	...	31	7	Nil
Pneumonia	...	...	26	Nil	16
Cerebro-Spinal Fever		...	1	1	Nil
Acute Polio-Myelitis		...	1	1	„
Typhoid	...	...	1	1	„
Erysipelas	...	...	13	Nil	„
Puerperal Pyrexia		...	2	2	„
Ophthalmia Neonatorum		...	4	1	„
Measles	...	...	489	Nil	„
Whooping Cough		...	15	„	„

Diphtheria Prophylaxis.

Statistics for Diphtheria Immunisation to 31st December, 1947.

	Under 5.	5-15 Years.	Total.
Completed Treatment :			
Under Scheme of Local Authority	318	15	333
By Private Practitioners —	—	—
	<u>318</u>	<u>15</u>	<u>333</u>
Percentage of School Children Immunised	....	....	93.3%
Percentage of Children 1-5 years Immunised	....	....	76.4%
Number of Children who failed to complete the course of Immunisation	....	....	19

There were 24 sessions held during the year in connection with Immunisation.

213 School Children were given a third injection.

Scabies Order, 1941.

During the year 29 cases of Scabies were reported to the Department by medical practitioners. Of these cases, one received hospital treatment, and all were given Benzyl Benzoate for home treatment.

TABLE V.

Age Period	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	...		...		...		...
1	...		1	1	...		0	1
5	...		...		...		...
10	...		1	0	...		...
15	2	0	...		2	0	...	
20	3	2	...		0	1	...	
25	3	4	...		1	2	...	
35	3	0	...		1	0	...	
45	...		...		...		...
55	0	1	...		...		...
65 upwards	...		...		1	0	...	
	11	7	2	1	5	3	0	1

It was not found necessary to take action under the Public Health (Prevention of Tuberculosis Regulations) 1925, or under Section 172, Public Health Act, 1936.

FACTORIES.

1.—Inspections for purposes of provisions as to health.

Including inspections made by the Sanitary Inspector.

Premises (1)	Number of		
	Inspection (2)	Written Notices (3)	Occupiers Prosecuted (4)
Factories with mechanical power	18	2	Nil
Factories without mechanical power ...	26	4	Nil
Other premises under the Act (including works of building and engineering construction, but not including outworkers' premises ... ..	...	...	Nil
TOTAL ...	44	6	Nil

2.—Defects found.

Particulars	Number of Defects			Number of defects in respect of which prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	
Want of Cleanliness ...	...	...	...	...
Overcrowding ..	...	...	...	...
Unreasonable temperature	...	...	...	...
Inadequate ventilation ...	...	...	...	...
Ineffective drainage of floors ...	...	...	...	...
Sanitary Conveniences—				
Insufficient ...	...	...	...	...
Unsuitable or Defective ...	6	6	...	...
Not separate for sexes ...	...	...	...	...
Other offences ...	...	...	...	...
(Not including offences relating to Home Work or offences mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1929, and re-enacted in the Third Schedule to the Factories Act, 1937)				
TOTAL ...	6	6	Nil	Nil

Report of the Senior Sanitary Inspector

For the Year ended 31st December, 1947.

I beg to submit my ninth Annual Report as your Senior Sanitary Inspector.

HOUSING.

Housing repair work was again greatly restricted during 1947, but every effort was made to remedy the more serious defects.

The shortage of labour and certain materials hindered the department in obtaining compliance with notices.

273 houses were inspected during the year, and 251 were repaired. This figure includes 64 brought forward from 1946.

DRAINAGE AND SANITARY WORK.

The duties of the Department include the sanitary supervision of these works, the investigation of complaints relating to them, and the testing and inspection of new and old drainage. During the year 29 new drains were tested with the water test before being filled in.

595 Complaints were received relating to choked drains.

45 Drains were repaired or reconstructed following examinations as a result of complaint or for other reasons.

RIVERS AND STREAMS.

An Inspector is employed by the County Council to supervise the purity of rivers and streams.

CLOSET ACCOMMODATION.

The closet accommodation of the district at the end of the year was as follows :

Water Closets	....	....	....	....	5634
Pail Closets	....	....	....	....	30

DISINFECTION.

51 Houses were disinfected after the occurrence therein of Infectious Disease. This work is done immediately on notification by the Medical Practitioner attending the case.

23 Consignments of bedding and clothing were treated at the Council's Steam Disinfector following Infectious Disease.

DISINFESTATION.

36 houses were disinfested.

PETROLEUM ACTS AND REGULATIONS.

My duties include those of Petroleum Inspector. During the year 22 licences were granted for the storage of Petroleum Spirit and the income derived therefrom was £12 10s. 0d.

NOTICES AND PROCEEDINGS.

During the year there were 431 preliminary notices and 208 statutory notices issued, of which 575 were complied with, the remainder being carried forward to 1948.

There were 128 interviews with owners of property during the year.

COMPLAINTS.

The following is a list of complaints received by the Department during the year :—

Drain blockages	....	....	....	595
Defective housing conditions	....	....	....	167
Overcrowding	....	....	....	5
Dirty or verminous houses	....	....	....	11
Defective W.Cs.	....	....	....	76
Defective drainage	....	....	....	21
Rat Infestations	....	....	....	10
Accumulation of offensive material	....	....	....	1
Flooding premises	....	....	....	2
Infestations of insect pests	....	....	....	9
Overflowing cesspool	....	....	....	1

INSPECTIONS DURING 1947.

Inspected under Public Health Acts	....	259
Inspections made for the purpose	....	451
Dwellinghouses inspected under the Housing Acts	....	14
Inspections made for the purpose	....	53
Inspected after cases of Infectious Diseases		24
Inspected re-overcrowding	....	50
Inspection of verminous premises	....	83
Inspections of sanitary conveniences, ashes receptacles, etc.	....	284
Cowsheds and Dairy Inspections	....	78

DRAINAGE.

New drains approved	....	29
New drains disapproved	....	4
Old drains inspected or tested	....	69

MISCELLANEOUS.

Refuse Tips	....	146
Foodshops	....	99
Offensive Trades	....	1
Bakehouses	....	4
Water samples for analysis	....	12
Factories, etc.	....	44
Piggeries	....	9
Rats and Mice Infestation Order	....	52
Accumulation of Refuse	....	1
Keeping of Animals	....	1
Interviews with owners	128

SANITARY IMPROVEMENTS EFFECTED.

Notices complied with	575
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HOUSING.

Roofs repaired....	133
New roofs provided	8
Rainwater fall pipes and eaves gutters repaired or renewed	69

Verminous houses cleansed	14
Defective windows repaired or replaced	61
Windows provided with new sashcords	70
Defective plaster repaired	116
Handrails provided to staircases	11
Floors repaired or renewed	56
Doors and door frames repaired	32
Doorsteps provided or repaired	2
Insanitary sinks replaced by glazed earthen- ware sinks	11
Sink surrounds cemented or tiled	8
Insanitary wastepipes replaced	24
New bath wastepipes fitted....	1
Washing coppers repaired or renewed	36
Yards or passages repaved	38
Paved approach provided to outbuildings	7
Houses provided with damp-proof courses....	17
Vertical damp-proof courses provided	3
Water services repaired	9
Walls repointed or repaired....	71
Chimney flues repaired	14
Chimney stacks repaired or repointed	30
New chimney pots fixed	10
New coal stores provided	2
Coal store doors renewed	10
Coal store roofs repaired	10
Coal store walls repaired	7
Fire ranges repaired or renewed	43
Dustbins renewed	110

DRAINAGE.

Blockages removed from drains by Council	595
Drains repaired or reconstructed	44
Drainage systems provided with means of access	5
Defective inspection chambers repaired or reconstructed	19
Ventilating pipes renewed	5
Sanitary surrounds to gullies constructed	9

WATERCLOSETS.

Defective watercloset pedestals replaced	....	44
Flushing cisterns repaired or renewed	....	6
Water service pipes to waterclosets repaired		56
Watercloset seats renewed	.... ....	2
Roofs repaired....	.... ....	17
Walls rebuilt or repaired	.... ....	14

GENERAL.

Deposits of refuse removed	.... ....	4
Rat infestation abated	.... ....	26
Nuisance from keeping of animals abated	....	4
New and approved piggeries erected	10

FACORIES.

Waterclosets repaired....	6
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COWSHEDS AND DAIRIES.

New concrete floors and channels provided		2
Cowsheds provided with tubular stall divisions		2
New Dairies provided	.... ....	1
Minor improvements	.... ....	8
Steriliser provided	.... ....	1

FOOD PREMISES.

New storage rooms constructed	.... ....	1
Other improvements	.... ....	5

Food Inspection and Supervision.

MEAT INSPECTION.

One slaughterhouse in the Urban District is used for the killing of pigs. In addition a number of visits were made to inspect householders' pigs which had been killed following authorisation by the Food Executive Officer.

There are 25 meat shops in the district.

Food Inspected and Condemned 1947.

Visits to inspect pigs....	....	....	....	192
Number of pigs inspected	....	....	....	3035

AFFECTED WITH TUBERCULOSIS.

4 Pigs' carcasses and all internal organs.	
1 Pig's internal organs.	
1 Forequarter of a Pig.	
229 Pigs' heads.	
83 Pigs' plucks.	
Weight, 4,554 lbs.	

AFFECTED WITH OTHER DISEASES OR UNSOUND CONDITIONS.

1 Portion of Pig's hindquarter....	....	Bruising
Portions of 8 Pigs' carcasses	....	Abscesses
5 Pigs' plucks	....	Abscesses
1 Pig's head	....	Abscesses
2 Pigs' livers	....	Abscesses
85 Pigs' kidneys	....	Cysts
19 Pigs' plucks	....	Cysts
Portions of 2 Pigs' carcasses	....	Jaundice
20 Pigs' livers	....	Cirrhosis
28 Pigs' kidneys	....	Nephritis
1 Pig's carcass and all internal organs....		Septicaemia
2 Pig's feet	....	Injury
Weight, 1,488 lbs.		

Being a total weight affected of 6,042 lbs., or 2 tons 13 cwts.
3 qtrs. 22 lbs.

OTHER FOOD CONDEMNED.

Imported beef	....	600 lbs.
Corned beef	....	6 lbs.
Veal loaf	....	1 tin.
Cod	....	12 stones.
Pilchards	....	5 tins.
Tomatoes	....	5 tins.
Baked beans	....	2 tins.
Peas	....	1 tin.

Sugar	....	....	....	....	10 lbs.
Cheese	....	....	....	....	7 lbs.
Milk	....	....	....	....	17 tins.

SLAUGHTER OF ANIMALS ACT, 1933.

There are 34 licensed slaughtermen in the district.

MILK SUPPLY.

There are 40 dairy farms and 37 retail purveyors in the district.

The following milks are retailed in the district :—

Accredited Milk.

Pasteurised Milk.

Ordinary Raw Milk.

Tuberculin Tested Milk.

78 Visits were paid to Cowsheds and Dairies in the area in connection with the Milk & Dairies Order, and some unsatisfactory conditions were remedied following informal action.

Public Cleansing.

This report covers the period ending March 31st, 1948.

TRANSPORT.

Transport units of the Cleansing Department comprise the following :—

1 Karrier Bantam	....	....	7 cubic yards capacity.
1 S.D. Freighter	....	....	7 cubic yards capacity.
1 Dennis	....	....	7 cubic yards capacity.
1 Bedford side-loading vehicle	2 tons.		
1 Tumbler cart	for night-soil work.		

A horse is hired for one half-day per week for work with the tumbler cart for the collection of nightsoil in the unsewered parts of the area.

REFUSE COLLECTION.

A weekly collection of household refuse was maintained throughout the year.

During the year 3,192 loads of refuse comprising 7,855 tons 13 cwts. were collected. (This tonnage figure is estimated from periodic test weighings.)

ANALYSIS IN WARDS OF REFUSE COLLECTED.

		East Ward.			West Ward		
		Loads.	Tons cwts.		Loads.	Tons cwts.	
1st Quarter	....	348	889	13	323	803	5
2nd Quarter	....	301	679	11	277	616	19
3rd Quarter	....	341	860	7	286	713	16
4th Quarter	....	345	823	8	307	762	17
		<u>1335</u>	<u>3252</u>	<u>19</u>	<u>1193</u>	<u>2896</u>	<u>17</u>
		South Ward.			Totals.		
		Loads.	Tons cwts.		Loads.	Tons cwts.	
1st Quarter	....	168	425	16	839	2118	14
2nd Quarter	....	157	389	16	735	1686	6
3rd Quarter	....	171	438	1	798	2012	4
4th Quarter	....	168	452	4	820	2038	9
		<u>664</u>	<u>1705</u>	<u>17</u>	<u>3192</u>	<u>7855</u>	<u>13</u>

SALVAGE.

The following is a list of salvaged articles collected during the year :—

		Tons cwts.qrs.			£ s. d.		
Waste Paper	....	89	2	0	569	16	4
Textiles....	....	3	14	1	42	16	0
Bones	....	12	3		1	14	5
		<u>93</u>	<u>9</u>	<u>0</u>	<u>£614</u>	<u>6</u>	<u>9</u>

Refuse Disposal.

DESTRUCTOR.

423 loads or 921 tons, 12 cwts. of refuse were disposed of by burning in the 3-cell refuse destructor.

328 loads, or 726 tons, 5 cwts, of clinker were removed from the destructor to the Lime Street tip.

TIPS.

Tipping was carried on during the year at the Lane End Tip.

2,769 loads, or 6,934 tons, 1 cwt. of refuse were tipped. This is approximately 86% of the total refuse collected.

DEPOT.

It is essential that improved washing facilities should be provided for the employees of the department as soon as this becomes practicable.

INCOME.

	£	s.	d.
Sale of salvaged materials	614	6	9
Income from Collection of Trade Refuse	20	16	0
	<u>£635</u>	<u>2</u>	<u>9</u>

In conclusion, I wish to thank Dr. W. Bamber, who has always been willing to support any suggestions put forward to bring about improvements.

I should also like to thank members of the staff for their ready assistance during the year.

I am,

Your obedient Servant,

I. M. MASSEY,
Senior Sanitary Inspector.

